



# KING COUNTY REGIONAL HAZARD MITIGATION PLAN

## Final Public Meetings

July 7, 9 and 10, 2014



# Tonight's Speaker

- Rob Flaner – Hazard Mitigation Plan Technical Lead, Tetra Tech, Inc.
- Technical consultant to King County Office of Emergency Management
- Former Federal Emergency Management Agency (FEMA) employee
- Facilitated 30 successful mitigation planning efforts since 2003

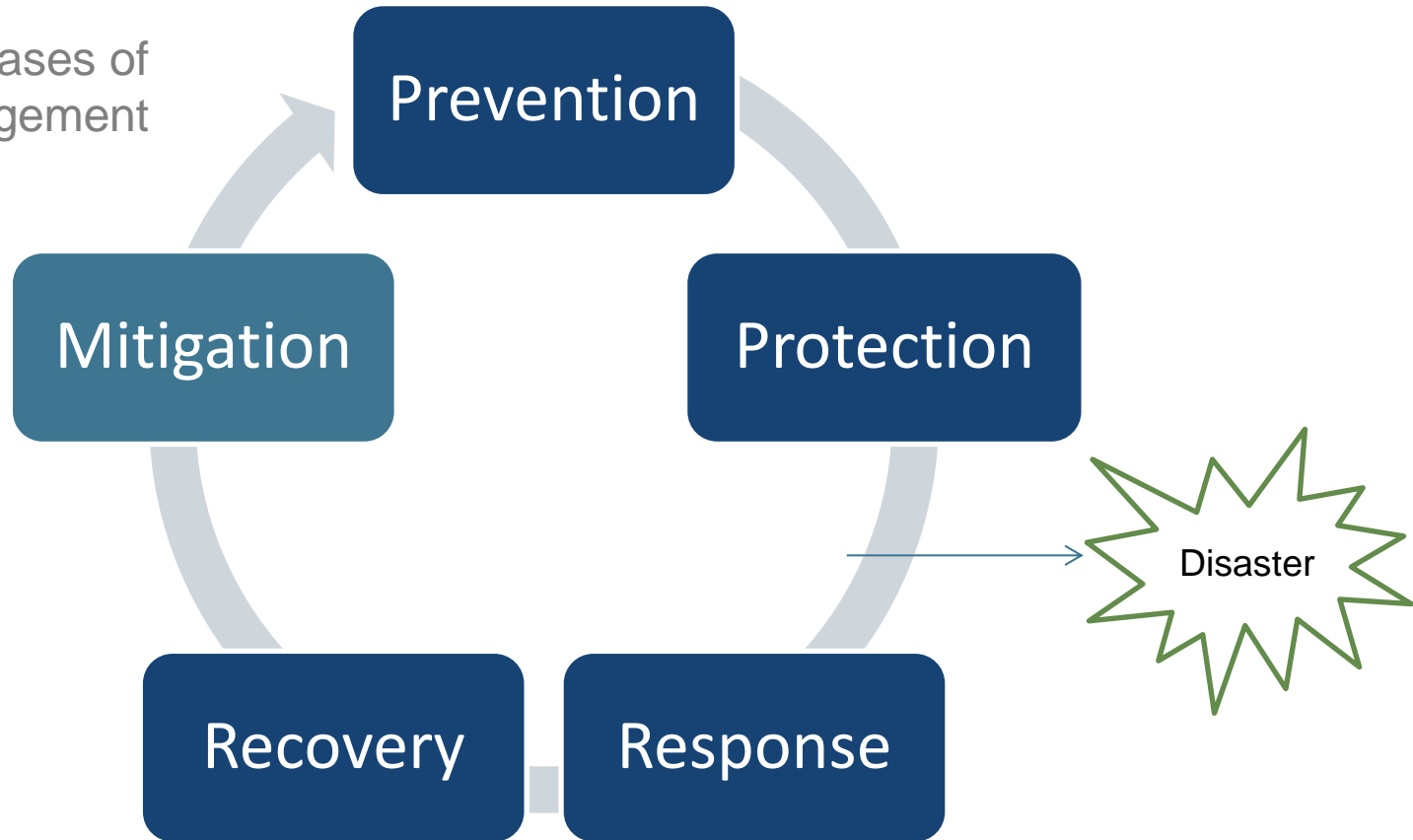
# What We will Talk About

- Provide a brief overview of the drivers for planning
- Describe the King County planning process
- Present the draft King County Regional Hazard Mitigation Plan Update
- Explain methods for public comment



# What is Mitigation?

Five Phases of  
Emergency Management



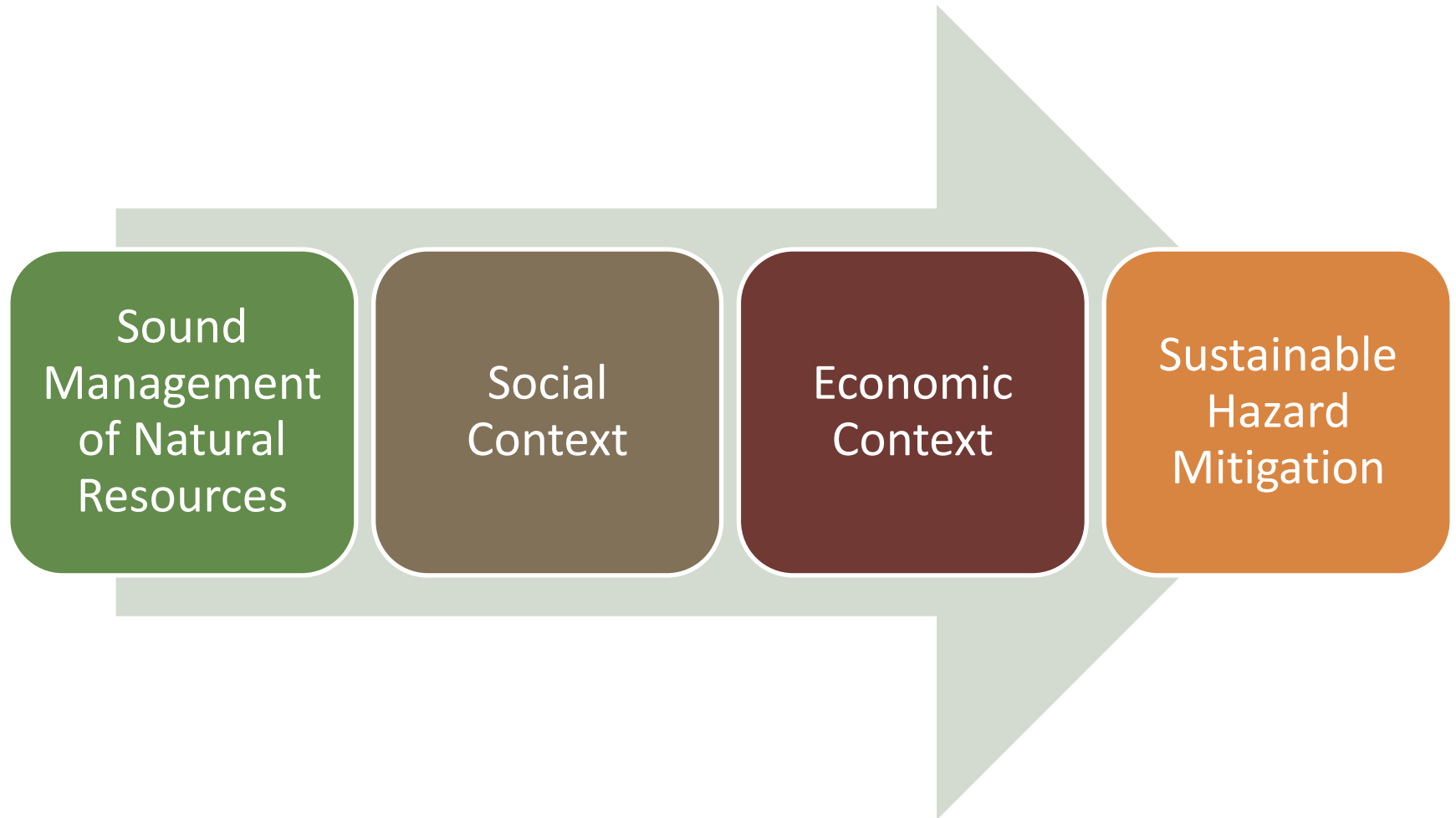
*“Sustained action taken to reduce or eliminate long-term risk to life and property”*

# What is the Disaster Mitigation Act (DMA)?

Federal legislation that establishes a pre-disaster hazard mitigation program and new requirements for the national post-disaster Hazard Mitigation Grant Program (HMGP)

***“No Plan, no money!”***

# Disaster Mitigation Act of 2000



## Why Plan?

- Establish/maintain eligibility for grant funds
- Preparedness: pro-active vs. reactive
- Sustainability
- Key element in emergency management
- Can set the course for response and recovery to impacts from natural disasters
- Requires commitment and support from both elected officials and their constituents

## What is Required in a DMA Plan?

According to Section 201.6, 44CFR, an approved plan must:

- Engage the public through all phases of the plan's development
- Review and incorporate plans and programs that can support/enhance hazard mitigation
- Assess risk to natural hazards that impact a planning area
- Identify a plan maintenance strategy
- Identify and prioritize actions





## A Multi-Jurisdictional Plan

- Preferred format by FEMA
- Identifies/creates the partnerships that enhance grant funding opportunities
- For multi-jurisdictional plans, all partners must:
  - *Participate in the process*
  - *Rank Risk*
  - *Perform a capability assessment*
  - *Identify/Prioritize jurisdiction specific actions*

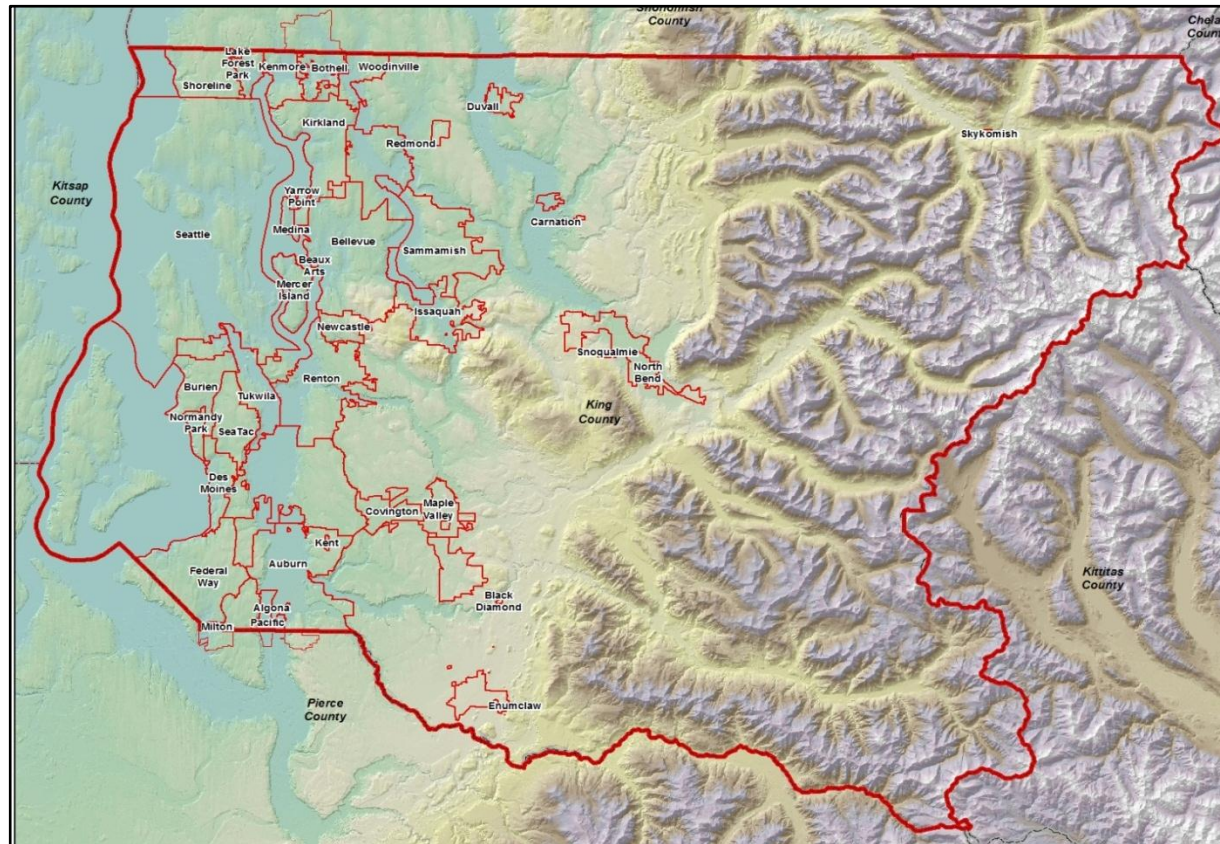


# The Planning Partnership

- Plan will cover 54 local governments within King County:
  - 26 city or town governments
  - 27 special purpose districts
    - Fire
    - School
    - Public Hospital
    - Water and Sewer

# The Planning Area

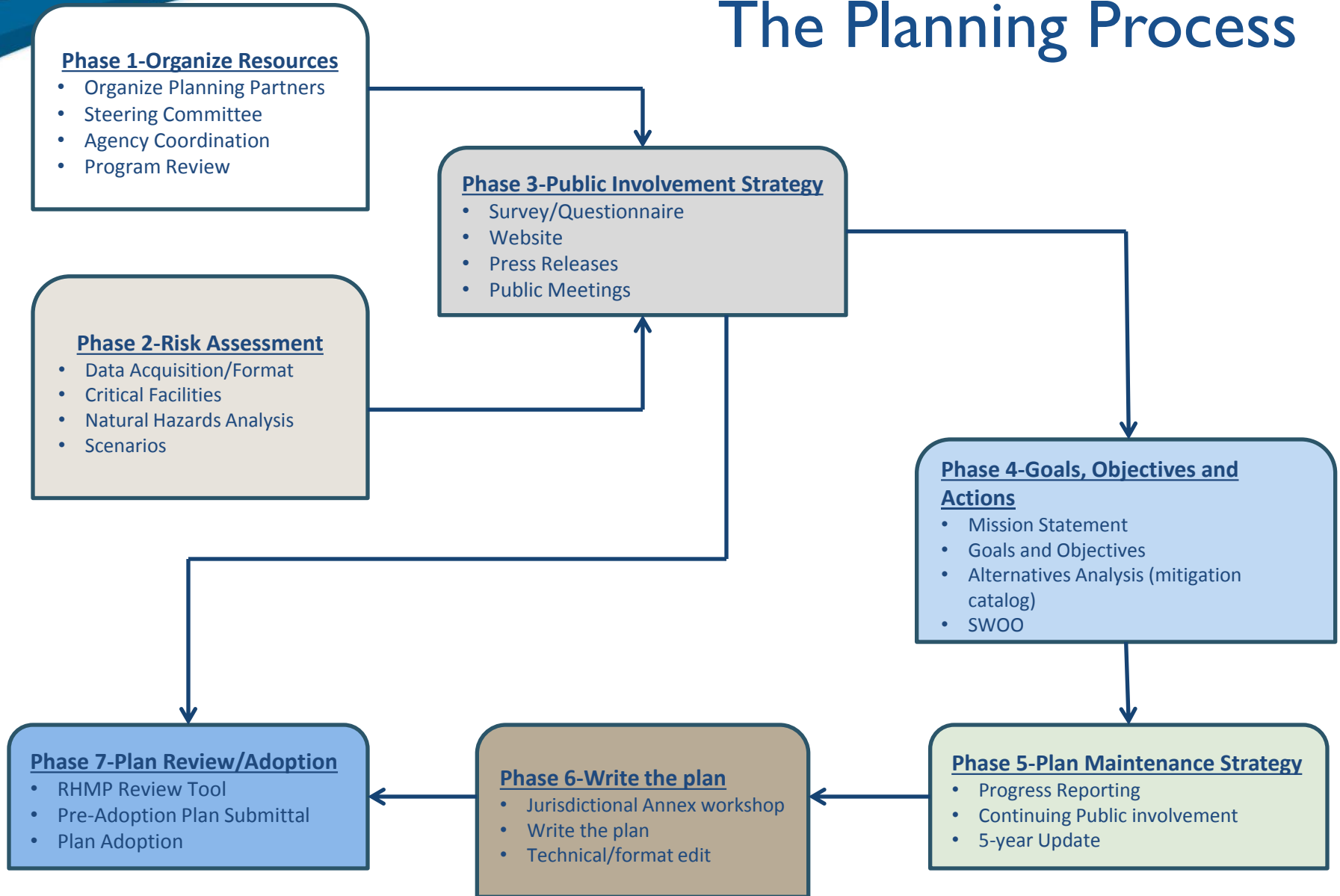
The planning area for this effort covers all of King County as well as portions of Snohomish and Pierce Counties.



# The Work Plan

- Planning process has been led by King County OEM
- We have followed a 7-phase process modeled after FEMA's Community Rating System (CRS) planning process
- Developed templates directly specific to multi-jurisdictional hazard mitigation plans
- Two-volume approach for multi-jurisdictional plans
  - Volume 1 – Planning Area (Parent Plan)
  - Volume 2 – Jurisdictional Specific Annexes

# The Planning Process



# The Steering Committee

- A 19 member Steering Committee is overseeing the plan update
- Multi-disciplined representation
  - *Planning Partner Representatives*
  - *Stakeholders (business, academia, government)*
  - *Emergency Management*
- Has met 10 times since February 2013
- All meetings are open to the public

# The Guiding Principle

King County is a region that promotes community resilience by eliminating or reducing risks and adverse impacts from hazards, while encouraging hazard mitigation activities by all sectors.

# Goals and Objectives

- The Steering Committee has identified 7 goals and 15 objectives that will help achieve the guiding principle
- All of these planning components are linear



# Risk Assessment

- The foundation of the plan is a comprehensive risk assessment of 10 natural hazards of concern

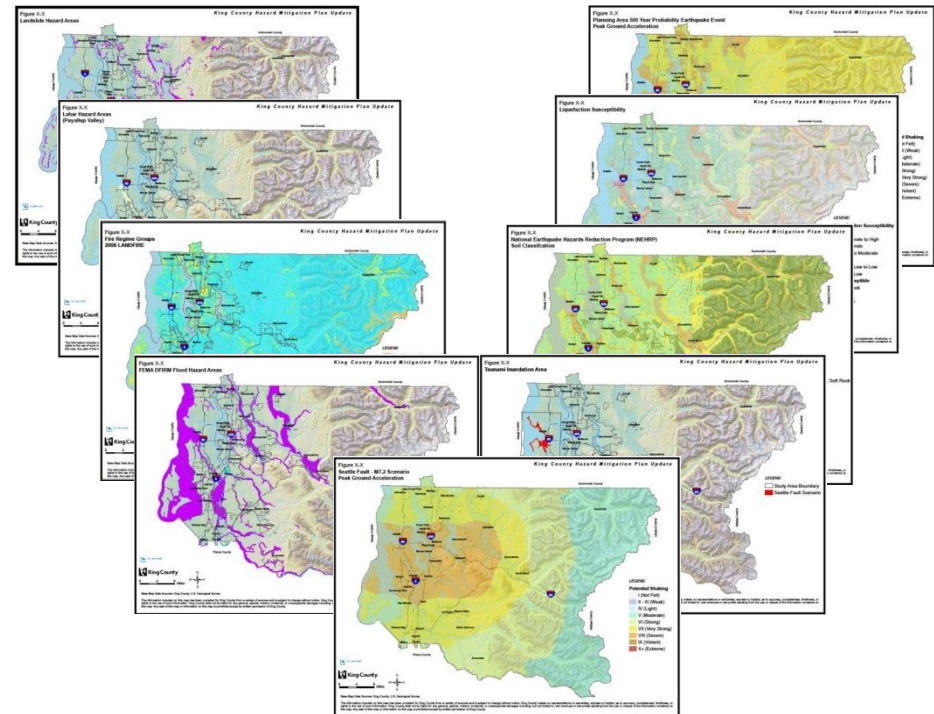
- ✓ Assess hazard

- Past events
- Areas most affected
- Frequency
- Severity
- Warning time for response

- ✓ Determine Exposure

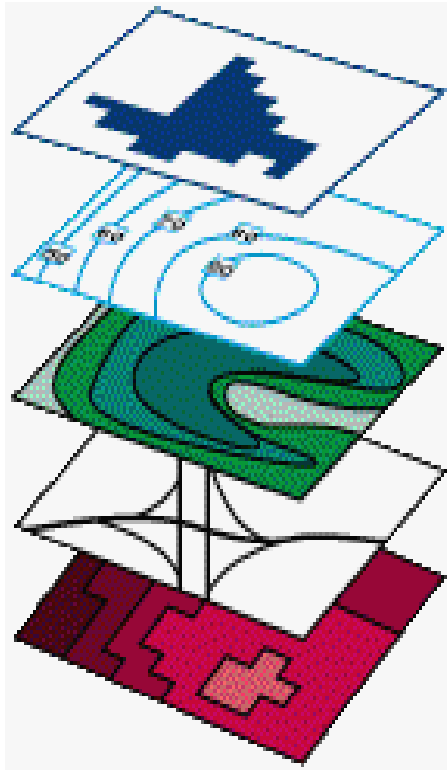
- ✓ Assess Vulnerability

- Loss Estimation



# Development of the King County Risk Assessment

5  
↑  
1

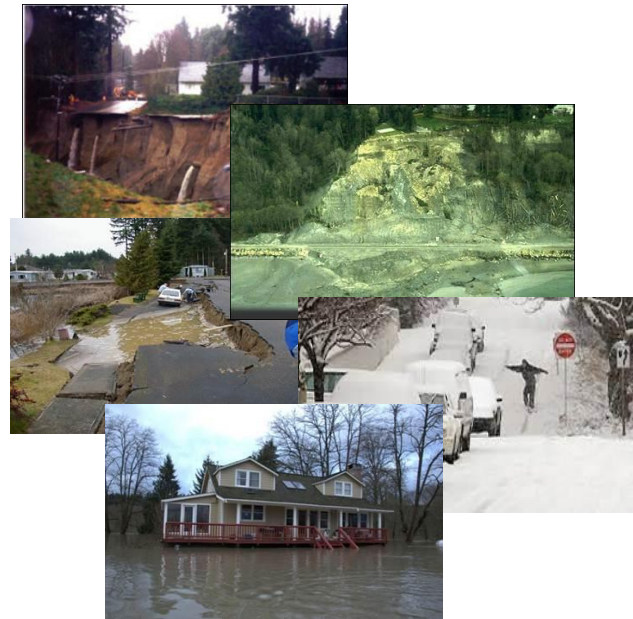


1. Hazard Locators (Soils, floodplains, landslides)
2. Inventories (Buildings, roads, critical areas)
3. Exposure (Direct and Indirect)
4. Disaster Scenario (Vulnerability assessments)
5. Suggest Risk Reduction Measures

# Hazards of Concern

## Hazards :

- ➔Avalanche
- ➔Dam failure
- ➔Earthquake
- ➔Flood
- ➔Landslide
- ➔Severe Weather
- ➔Severe Winter Weather
- ➔Tsunami
- ➔Volcano
- ➔Fire
- ➔Other Hazards profiled, but not assessed (Health hazards, cybersecurity and terrorism)



# The Draft Plan

- 2 Volumes
  - Volume 1 applies to all Planning Partners
  - Volume 2 is jurisdiction specific (split into 4 subsections)
- Plan contains more than 1,800 pages and 150+ maps
- Plan identifies nearly 700 actions to be implemented by 54 planning partners
- Plan has a 5-year performance period

# Public Comment

Public comment period:  
**Friday, June 27 through  
close of business Friday, July 11, 2014.**

- The primary means of receiving comments will be via email - [kcpubcomment@kingcounty.gov](mailto:kcpubcomment@kingcounty.gov).
- Comments will also be accepted at the public meetings.

# Next Steps

## Public Comment

Comment period ends at 5:00 pm on Friday, July 11th



## Finalize Plan

Review and respond to public comments



## Submit to WAEMD

Submit with request for “pre-adoption” review/approval



## Submit to FEMA Region X/Begin adoption phase

Adoption will occur simultaneously with FEMA Region X Review.



## Receive Final Plan Approval



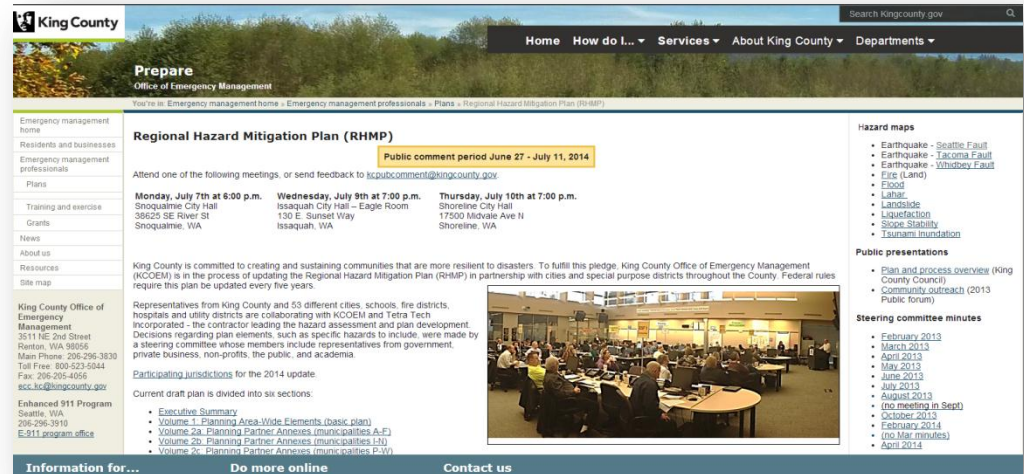
# For More Information

Please visit the County website at:

<http://www.kingcounty.gov/hazardmitigation>

This site includes:

- FAQs
- Steering Committee meeting minutes
- Newsletters
- The draft Plan
- Hazard maps



# QUESTIONS

